

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/800,111	
			Filing Date	March 12, 2004	
			First Named Inventor	Mark R. AYRES	
			Art Unit	2878	
			Examiner Name	K. Wyatt	
Sheet	1	of	2	Attorney Docket Number	495812005700

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear

Examiner Signature	/Kevin Wyatt/	Date Considered	01/18/2008
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NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
/KW/	1.	AYRES, M.R. et al. (November 20, 2006). "Scanning Transmission Microscopy Using A Position-Sensitive Detector," <i>Applied Optics</i> 45(33):8410-8418.		
/KW/	2.	AYRES, M.R. (2007). "Signal Modulation For Holographic Memories," Doctor of Philosophy Thesis submitted to the Department of Electrical and Computer Engineering, Graduate School of the University of Colorado, 252 pages.		
/KW/	3.	FRIEDEN, B.R. (January 1967). "Optical Transfer of the Three-Dimensional Object," <i>Journal of the Optical Society of America</i> 57(1):56-66.		
/KW/	4.	KAWATA, Y. et al. (May 10, 1996). "Differential Phase-Contrast Microscope With Split Detector for the Readout System of a Multilayered Optical Memory," <i>Applied Optics</i> 35(14):2466-2470.		
/KW/	5.	KOGELNIK, H. (November 1969). "Coupled Wave Theory for Thick Hologram Gratings," <i>The Bell System Technical Journal</i> 48(9):2909-2947.		
/KW/	6.	O'BYRNE, J.W. et al. (1999). "Adaptive Optics in Confocal Microscopy," <i>World Scientific</i> , six pages.		
/KW/	7.	SHEPPARD, C.J.R. et al. (1977). "Image Formation in the Scanning Microscopes," <i>Optica Acta</i> 24(10):1051-1073.		
/KW/	8.	SHEPPARD, C.J.R. et al. (September 1978). "Depth of Field in the Scanning Microscope," <i>Optics Letters</i> 3(3):115-117.		
/KW/	9.	SHEPPARD, C.J.R. et al. (September 1989). "Three-Dimensional Imaging in a Microscope," <i>J. Opt. Soc. Am. A</i> 6(9):1260-1269.		
/KW/	10.	SHEPPARD, C.J.R. et al. (February 1994). "Three-Dimensional Transfer Functions for High-Aperture Systems," <i>J. Opt. Soc. Am. A</i> 11(2):593-598.		
/KW/	11.	STREIBL, N. (February 1985). "Three-Dimensional Imaging by a Microscope," <i>J. Opt. Soc. Am. A</i> 2(2):121-127.		

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